










	Manufacturers name
	Manufacturing date
	Lot number
	Expiry date
	Method of sterilisation Single <i>sterile</i> barrier system
	Indicates single use
	Caution
	Keep dry
	Keep out of direct sunlight
	Do not use if packaging is damaged
	Do not put fingers in rollers
	Consult instructions for use

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## **INSTRUCTIONS FOR USE** **STERILE IRRIGATION TUBING**

### **Description:**

Irrigation tubing manufactured from silicone & PVC tubing.

### **Application/Intended Use/Performance:**

Irrigation tubing is used together with the Mercian Micro Torque Drill System (MT5010-00) for the delivery of sterile water, controlled through a peristaltic pump onto a cutting tool to aid the cutting performance of Burs & Saw Blades.

To be used on patients with the following condition(s):

- Oral surgery conditions, Facial Trauma or congenital conditions, Mastoids and other Orthopaedic conditions.

Procedures indicated:

Drilling/cutting of Bone or Teeth in Oral, ENT or small bone Surgery.

- Mastoid Surgery.
- Oral Surgery Procedures.
- Orthopaedic Surgery Procedures.

### **Intended User:**

Qualified clinicians with the necessary training to use a Surgical Drill.

### **Patient Population:**

No restriction on patient age or population.

### **Packing & Sterilisation:**

The tubing set is supplied sterile, for single use only.

Packed individually in a box of 10 and sterilised by Ethylene Oxide in accordance with ISO 11135.

### **Precautions:**

The material is latex free.

- Must only be used for its intended purpose.
- This device is supplied sterile, intended for single use ONLY.
- Re-use of single use devices presents a risk of infection to the patient.
- Not to be re-sterilised once opened.
- Risk of finger injury during installation.
- Do Not Use if the packaging is damaged or opened. Dispose of immediately if packaging is found to be breached in any way.
- To be used with sterile water only.
- Only compatible with the Mercian Micro-Torque Surgical Drill System.

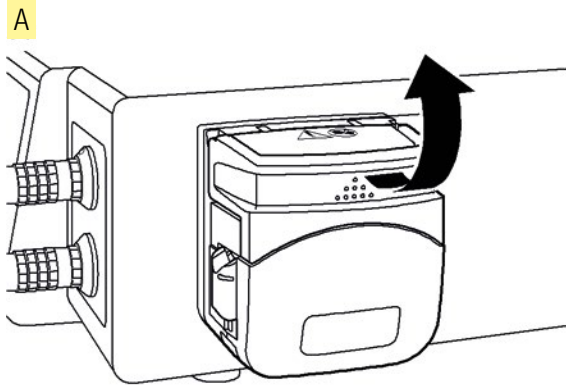
### **Storage:**

- To be stored under normal ambient conditions.
- Keep away from direct sunlight and must be kept dry.
- Life of the product is limited to the date on the label.

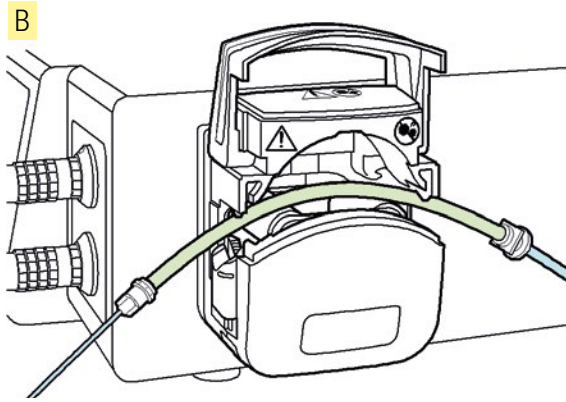
### **Disposal:**

Can be disposed of without any special instructions and poses no danger if standard medical waste disposal regulations are observed.

## INSTALLING THE STERILE IRRIGATION TUBING IN TO THE PUMP UNIT ON THE CONSOLE

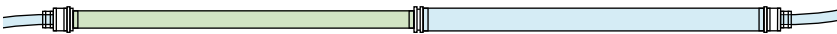


**A** Open the pump lid to accept the tubing.

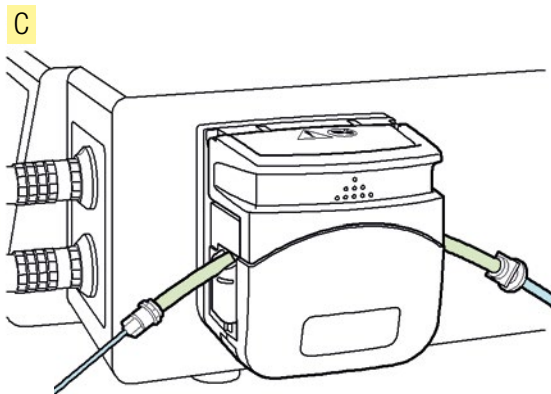


**B** Place the larger bore tubing centrally onto the rollers.

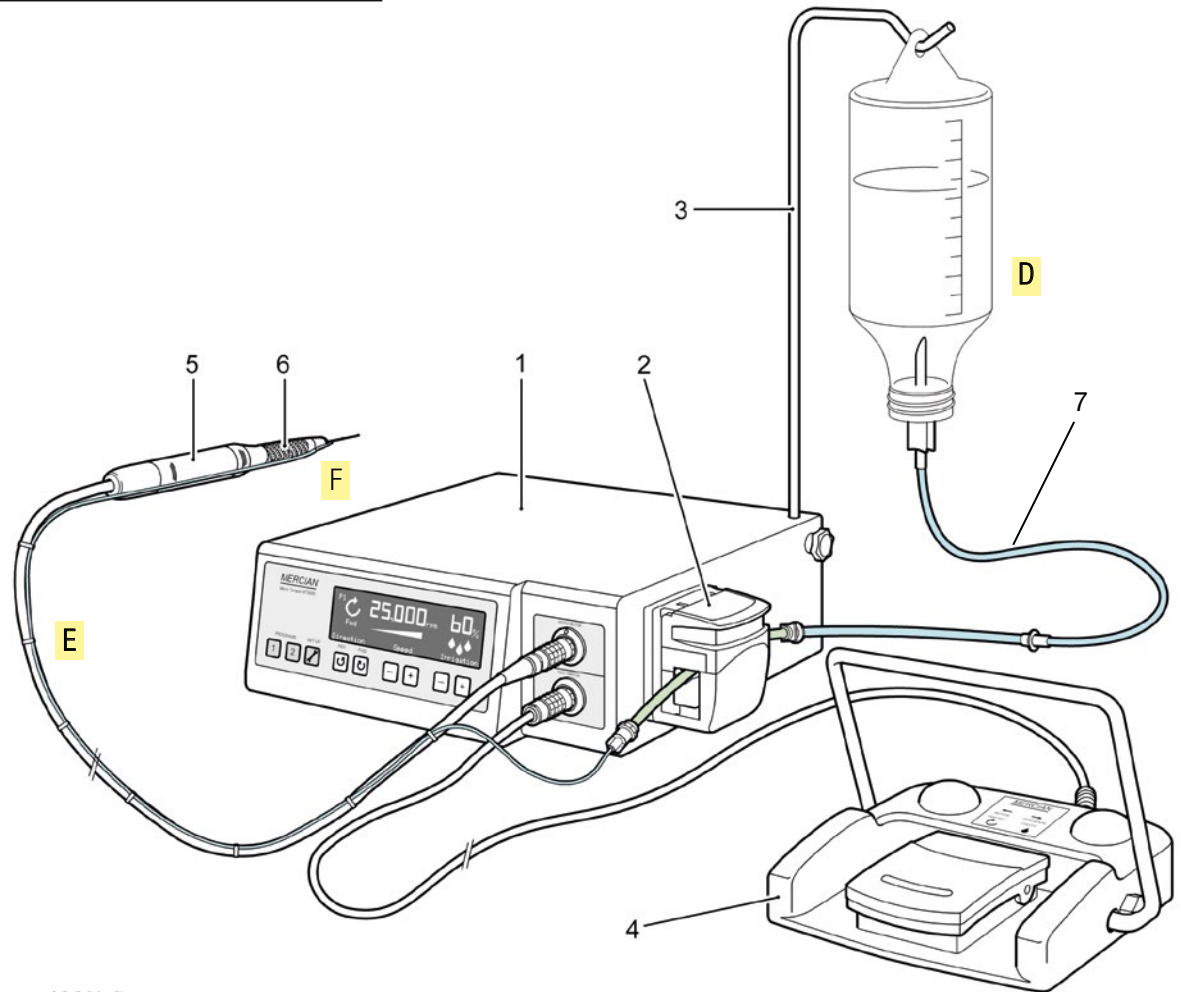
**Green tubing 50% flow rate** Translucent tubing up to 100% flow rate



Select and insert either the translucent wide bore tubing for up to a 100% flow rate. Alternatively, where a reduced flow rate is required, insert the 50% flow rate green coloured tubing. (A reduced flow rate is preferred for ENT procedures).



**C** Close the lid onto the tubing.



- |                            |                              |
|----------------------------|------------------------------|
| 1. Electronic Console Unit | 5. 'Micro Motor' and Cable   |
| 2. Irrigation Pump Unit    | 6. Surgical Handpiece        |
| 3. Irrigation Support      | 7. Sterile Irrigation Tubing |
| 4. Footswitch Control      |                              |

**D** The irrigation spike then penetrates the irrigation fluid bag.

**E** Secure the micro bore tubing at intervals along the motor cable using the tubing clips.

**F** Connect the end of the finer bore tubing onto the tube of the handpiece spray nozzle.